Girija Infrastructure

Civil Engineering Services & Consultancy
Building & Highway Material Testing Laboratory

Job No.: GIRJI/KRIDL/Ward No.12/2019-20 Date : 11.12.2019

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2386 (Part-1)- 1963 RA 2016

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**
Agency : The Technical Manager (West), KRIDL, Bangalore - 560010
Name of Work : Providing Sanitary pipelines at missing bits in ward no.12 Shettyhalli Sub Division
Refrence : EE/DD/W.O/444/2019-2020 Dated:02.12.2019
Date of Testing : 11.12.2019
Material : Sand Total Wt. of Aggregates **1500**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	72	4.80	4.80	95.2	90-100
2.36	136	9.07	13.87	86.1	75-100
1.18	284	18.93	32.80	67.2	55-90
600 Micron	263	17.53	50.33	49.7	35-59
300 Micron	352	23.47	73.80	26.2	8-30
150 Micron	314	20.93	94.73	5.3	0-10

Information is furnished by the Agency

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

GIRIJA INFRASTRUCTURE Civil Consultant Bangalore

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Job No.: GIRJI/KRIDL/Ward No.12/2019-20 Date: 19.12.2019

TEST REPORT

CLIENT	:	**Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**
AGENCY	:	The Technical Manager (West), KRIDL, Bangalore - 560010
NAME OF THE WORK	:	Providing Sanitary pipelines at missing bits in ward no.12 Shettyhalli Sub Division
REFRENCE	:	EE/DD/W.O/444/2019-2020 Dated:02.12.2019
SAMPLE ID	:	BRICKS
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the samples are as follows:

Sl. No	Description	Test method as per IS Codes	Result	Requirement as per IS 1077-1992 (Rev-5)
1	Compressive Strength Of Bricks	IS 3495-1992 (Part-1) RA2016	5.25N/mm^2	Class designation 5.0
2	Water Absorption of Bricks	IS 3495-1992 (Part – 2) RA2016	12.36 %	Not more than 20 %
3	Efflorescence of Bricks	IS 3495-1992 (Part – 3) RA2016	Moderate	Up to 12.5 Class

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